

Converting Colors

Hex(9CF09A)

Have a look what the booklet for
Hex(9CF09A) contains.

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Color

Hex(9CF09A)

Conversions

Conversions Part 1

Format	Color
Hex	9CF09A
RGB	156, 240, 154
RGB Percent	61%, 94%, 60%
CMY	0.3882, 0.0588, 0.3961
CMYK	0.35, 0.00, 0.36, 0.06
HSL	119°, 74%, 77%
HSV	119°, 36%, 94%
XYZ	50.7031, 71.7212, 41.7431
YIQ	205.0800, -22.4580, -44.5540

Conversions

Conversions Part 2

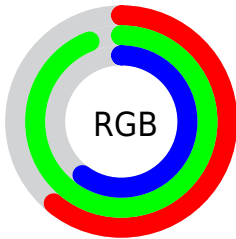
Format	Color
RYB	154, 240, 238
Decimal	10285210
CIELab	87.83, -42.05, 33.73
CIElCh	88, 53.909, 141.263
Yxy	71.7212, 0.3089, 0.4369
Android (android.graphics.Color)	4288475290 (0xFF9CF09A)
YUV	205.0800, -25.1824, -43.0432
Hunter-Lab	84.6884, -41.3363, 30.0577

Details

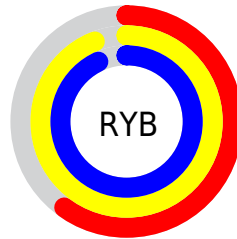
The Hex color **9CF09A** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EE9AF0**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **D5FFD1**, and **65B766** is the 20% darker color. If you saturate the color by 10%, you get **85F082**, and if you desaturate by 10%, it is **B3F0B2**.

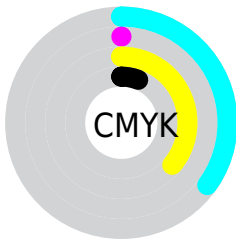
Distribution



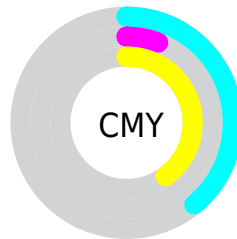
- Red (61%)
- Green (94%)
- Blue (60%)



- Red (60%)
- Yellow (94%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (36%)
- Black (6%)



- Cyan (39%)
- Magenta (6%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF09A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9CF09A by changing the saturation by 10% instead.

 9CF09A

 9CF09A

FFFFFF

 80D380

 D5FFD1

 65B766

 F2FFEE

 499C4D

 2D8235

 04681D

 004F03

 003700

 002200

 000000

 9CF09A

 9CF09A

 85F082

 B3F0B2

 6DF06A

 CBF0CA

 56F052

 E2F0E2

 3EF03A

 FAF0FA

 27F022

 FFF0FF

 0FF00A

 06F000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D8E57A



9CF09A



4BF6CB

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9CF09A



67E6FF



FFB5BA

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9CF09A



EE9AF0

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB4ED



9CF09A



CAD5FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9CF09A



00F2FF



FFC1FF



FFC28E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9CF09A



00F7EF



FFC1FF



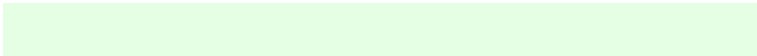
FFB3CB

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9CF09A



E4FFE3



F0ED9A



6F806F



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9CF09A



94FF91



9AF0C2



6C786C



04B800



013800

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EE9AF0



FC91FF



F09AC8



786C78



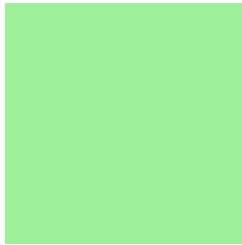
B300B8



370038

Previews

White Background



This preview shows how the Hex color 9CF09A looks on a white background.

Color Contrast Check

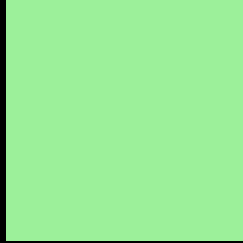
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9CF09A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

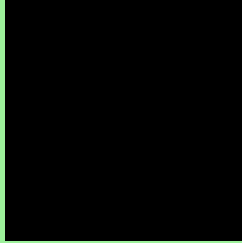
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

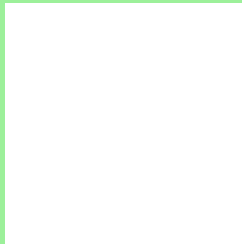
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9CF09A Background



This preview shows how black text looks on a background with the Hex color 9CF09A.

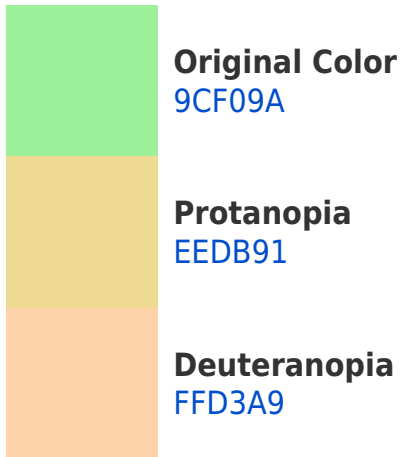


This preview shows how white text looks on a background with the Hex color 9CF09A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



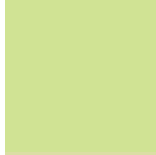


Tritanopia
ADE5F7

Trichromacy



Original Color
9CF09A



Protanomaly
D0E394



Deuteranomaly
DBDEA4

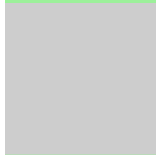


Tritanomaly
A7E9D5

Monochromacy



Original Color
9CF09A



Achromatopsia
CDCDCD



Achromatomaly
BBDABA

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF09A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9CF09A looks like.

```
.text, #text, p{  
    color:#9CF09A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9CF09A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF09A
}
```

Border

The CSS property to change the border of an element to Hex 9CF09A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9CF09A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9CF09A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9CF09A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF09A; -webkit-box-shadow:4px 4px  
4px 4px #9CF09A; box-shadow:4px 4px 4px  
4px #9CF09A }
```

Background

The CSS property to change the background color of an element to Hex 9CF09A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF09A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9CF09A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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